

LISTING OF CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1 – 9 (cancelled)

10. (currently amended) A cellular telephone apparatus which has a cellular telephone set capable of originating a plurality of calls to a base station and communicating with an accessory through sub-communication means, and said accessory capable of communicating with said cellular telephone set through said sub-communication means, and can execute a communication function other than a voice communication function by said cellular telephone set through said sub-communication means, said cellular telephone set comprising:

cellular telephone transceiver means for originating a plurality of calls to a base station;

sub-communication means for performing communication with said accessory by means of a call through a channel;

channel monitoring means for monitoring channel quality of said sub-communication means; and

control means for, ~~when the channel quality of said sub-communication means has deteriorated to not more than a predetermined level,~~ causing said cellular telephone transceiver means to start originating a new call for voice communication with a remote cellular telephone set when the channel quality of said sub-communication means has deteriorated to not more than a predetermined level, said new call being other than a call used by the cellular telephone set to perform sub-communication with the accessory, ~~for voice communication with a remote cellular telephone set,~~ and said accessory comprises:

sub-communication means for performing communication with said cellular telephone set;

expression means for expressing a content transferred by said sub-communication means;

channel monitoring means for monitoring channel quality of said sub-communication means; and

control means for, when the channel quality of said sub-communication means has deteriorated to not more than a predetermined level, notifying said cellular telephone set of the corresponding information.

11. (original). An apparatus according to claim 10, wherein said accessory comprises a videophone unit.

12. (original). An apparatus according to claim 10, wherein said accessory comprises a musical unit.

13. (original). An apparatus according to claim 10, wherein said sub-communication means is infrared communication.

14. (original). An apparatus according to claim 11, wherein said sub-communication means is infrared communication.

15. (original). An apparatus according to claim 12, wherein said sub-communication means is infrared communication.

16. (original). An apparatus according to claim 10, wherein said sub-communication means is radio communication.

17. (original). An apparatus according to claim 11, wherein said sub-communication means is radio communication.

18. (original). An apparatus according to claim 12, wherein said sub-communication means is radio communication.

19. (currently amended) A communication method for a cellular telephone apparatus including a cellular telephone set capable of originating a call in addition to a call for voice communication, and an accessory capable of communicating with the cellular telephone set through a call by using a radio channel for sub-communication, wherein even if channel quality of a radio channel for the sub-communication has deteriorated to not more than a predetermined level, when the cellular telephone set can perform voice communication with a remote cellular telephone set, the cellular telephone set is allowed to perform voice communication with the remote cellular telephone set by originating a new call, other than a call used by the cellular telephone set to perform said sub-communication with the accessory.

20. (currently amended) A communication method of communicating between cellular telephone apparatuses with each other, each of said apparatuses including a cellular telephone set capable of originating a call in addition to a call for normal voice communication, and an accessory capable of communicating with the cellular telephone set by making use of a radio channel for sub-communication through a call, comprising the steps of:

inputting a telephone number of a remote cellular telephone apparatus by operating a ten-key mounted in an originating cellular telephone apparatus so as to start the sub-communication;

transmitting corresponding information through infrared light from the accessory to a cellular telephone set mounted in said originating cellular phone apparatus so as to originate a call;

starting communication from the cellular telephone set mounted in said originating cellular telephone apparatus to the remote cellular telephone apparatus through base stations and activating display units to transmit and receive a sensed image signal and the like and display a corresponding images so as to perform videophone communication;

monitoring a channel quality of the sub-communication to determine whether the channel quality has deteriorated to a predetermined level or less;

checking whether communication using a voice call can be performed between cellular telephone sets respectively mounted in said cellular telephone apparatuses;

originating a new call, ~~other than a call used for the sub-communication~~, from the cellular telephone set mounted in the originating cellular telephone apparatus to the cellular telephone set mounted in the remote cellular telephone apparatus if the channel quality is determined to be deteriorated to a predetermined level or less, the new call being other than a call used for the sub-communication;

starting voice communication when the voice call is originated; and

terminating the sub-communication.